

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/002264

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/12 H04L29/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/028340 A (KLAGHOFER KARL ;MUELLER HARALD (DE); SIEMENS AG (DE); TOTZKE JUERG) 3 April 2003 (2003-04-03)	1
A	page 3, line 21 -page 4, line 24; figure 2 page 9, line 12 -page 11, line 2 ---	2-9
X	US 2002/133549 A1 (GANESAN RAMANAN ET AL) 19 September 2002 (2002-09-19)	1
A	page 1, paragraph 15 -page 3, paragraph 35 ---	2-9
X	WO 02/23822 A (ARAVOX TECHNOLOGIES ;MOLITOR ANDREW T (US)) 21 March 2002 (2002-03-21)	1
A	page 12, line 10 - line 24; figure 3 page 15, line 14 -page 17, line 20 page 21, line 3 -page 27, line 5 ---	2-9
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

28 May 2004

Date of mailing of the international search report

23/06/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Raible, M

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/002264

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 006 272 A (ARAVAMUDAN MURALI ET AL)	1
A	21 December 1999 (1999-12-21) column 3, line 42 -column 5, line 52 -----	2-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/002264

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03028340	A	03-04-2003	WO 03028340 A1	03-04-2003
			EP 1421766 A1	26-05-2004
US 2002133549	A1	19-09-2002	GB 2390276 A	31-12-2003
			WO 02076065 A2	26-09-2002
WO 0223822	A	21-03-2002	US 6661799 B1	09-12-2003
			AU 8705401 A	26-03-2002
			EP 1323261 A1	02-07-2003
			JP 2004509517 T	25-03-2004
			WO 0223822 A1	21-03-2002
US 6006272	A	21-12-1999	CA 2260561 A1	20-08-1999